**Model**

**G6-42A**

**TELEHANDLER**

### Performance

- **Rated Capacity**
  - At 24 in. (610 mm) load center, 6,600 lb (2,994 kg)
- **Maximum Lift Height**
  - 42 ft (12.8 m)
- **Frame Leveling**
  - 10 degrees
- **Lift Speed (boom retracted)**
  - Up: 14 sec
  - Down: 10 sec
- **Boom Speed**
  - Extend: 20 sec
  - Retract: 8 sec
- **Travel Speed Forward**
  - 19.5 mph (31.4 kmph)
- **Drawbar Pull (loaded)**
  - 18,000 lb (8,165 kg)
- **Operating Weight**
  - with 50” carriage and forks: 20,300 lb (9,208 kg)

### Standard Specifications

- **Engine**
  - Make and Model: John Deere 4045TF150
  - Fuel: No. 2 Diesel
  - Cycles: 4
  - No. of Cylinders: 4
  - Displacement: 276 cu in (4.5 L)
  - Rated Speed: 2,500 rpm
  - Max. Gross BHP: 99 hp (74 kW)
  - Fuel Tank: 38 gal (141 L)
- **Engine Filters**
  - Two-stage dry air cleaner — centrifugal pre-cleaner with continuous dust ejector and replaceable dry filter element.
  - Visual service indicator.
- **Electrical System**
  - Voltage: 12V
  - Alternator: 63 amp
  - Battery: 810 cold cranking amps at 0°F
- **Transmission**
  - Powershift with torque converter.
  - 4-speed forward and 3-speed reverse.
  - Neutral start switch (park brake must also be engaged to start).
  - Full time 4-wheel drive.
  - Directional and gear change control on single steering column mounted lever.
- **Axles**
  - Trunnion mounted planetary 55° steer axles.
  - Integral steer cylinder.
  - High bias limited slip differential on front axle.
- **Service Brakes**
  - Inboard wet disc brakes on front axle.
- **Parking Brakes**
  - Wet disc spring-applied hydraulic release.
  - Light on dash indicates when brake is on.
- **Tires**
  - Standard: 13.00 x 24 — 12PR, G2 type.
- **Cab**
  - Certified ROPS/FOPS structure, adjustable seat and horn.
  - Forward, neutral, reverse lever on left of steering column.
- **Steering 4-Wheel**
  - Power steering with manual backup.
  - Operator selectable 4-wheel circle, 4-wheel crab, 2-wheel front.
- **Instruments**
  - Volt meter, hourmeter, engine oil pressure gauge, fuel gauge, water temperature gauge.
  - All gauges protected by clear acrylic cover.
- **Controls**
  - Grouped for operator comfort and convenience.
  - Boom lift and telescope on single joystick.
  - Right-hand tilt and sway lever.
  - Foot throttle.
- **Hydraulic System-Implement**
  - Single-section gear pump.
  - 40 gal (151.4 L) system capacity.
  - 8 micron filter with visual service indicator and suction strainer.
  - Lift, crowd, tilt, telescope and sway cylinders have holding valves intended to prevent dropping of load in the event of hose failure.
- **Auxiliary Hydraulics**
- **Accessories & Options**

### Attachments

- **Standard Carriage**
  - 50 in. (1.3 m) or 60 in. (1.5 m) or 72 in. (1.8 m)
- **Side-Tilt Carriage**
  - 50 in. (1.3 m) or 60 in. (1.5 m) or 72 in. (1.8 m)
- **Swing Carriage**
  - 72 in. (1.8 m), 90 degrees
- **Sheet Material Adapter**
- **Lumber Forks**
- **Pallet Forks**
- **Cubing Forks**
- **Material Bucket**
  - 72 in. (1.8 m), 1.0 cu yd (0.76 m³)
  - 96 in. (2.4 m), 1.5 cu yd (1.15 m³)
  - 102 in. (2.6 m), 2.0 cu yd (1.53 m³)
- **Grapple Bucket**
  - 96 in. (2.4 m), 1.75 cu yd (1.34 cu m)
- **Truss Boom**
  - 12 ft (3.7 m), 2,000 lb (907 kg) capacity
  - 15 ft (4.6 m), 2,000 lb (907 kg) capacity
  - 12 ft (3.7 m) with winch, 2,000 lb (907 kg) capacity
- **Fork Mounted Work Platform**
  - 8 ft (2.4 m), 1,000 lb (455 kg) capacity
- **Lifting Hook**

*Requires auxiliary electrics*
IMPORTANT
Rated lift capacities shown are with machine equipped with carriage and pallet forks. The machine must be level on a firm surface with undamaged, properly inflated tires. Machine specifications and stability are based on rated lift capacities at specific boom angles and boom lengths. (If specifications are critical, the proposed application should be discussed with your dealer.)
DO NOT exceed rated lift capacity loads, as unstable and dangerous machine conditions will result.
DO NOT tip the machine forward to determine the allowable load.
Use only JLG approved attachments with proper material handler model/attachment load capacity charts displayed in the operator’s cab. OSHA requires all rough terrain fork lift operators be trained according to OSHA 29 CFR 1910.178 (1).